

FORM PTO-1449 (Modified)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY.DOCKET NO. 06223P USA	SERIAL NO.
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		APPLICANT Steven Gerard Mayorga, et al.	
		FILING DATE	GROUP
(37 CFR 1.98(b))			

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER						DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
MJM	5	0	2	8	5	6	6	7/2/91	Andre Lagendijk	437	238	7/27/90
	5	5	4	8	0	0	6	8/20/96	Satao Hirabayashi, et al	524	82	11/17/94
	5	3	8	0	8	1	2	1/10/95	Michael A. Lutz, et al	528	15	1/10/94
	3	3	4	4	1	1	1	9/26/67	Alan J. Chalk	260	46.5	9/26/66
	3	8	8	2	0	8	3	5/6/75	Abe Berger, et al	260	46.5	11/21/73
	3	9	9	8	8	6	5	12/21/76	George Siciliano, et al	260	448.2	3/12/75
	2	8	3	7	5	5	0	6/3/58	Maurice Prober	260	448.2	5/18/55
	6	3	6	8	3	5	9	4/9/02	R.J. Perry, et al	8	142	12/17/99

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER						DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
	YES	NO										
hjm	7	1	4	5	1	7	9	8/25/99	JP	C07F	7/21	X

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

MJM	"User's Guide For: Glass Deposition With Teos," Dr. Arthur K. Hochberg, Schumacher, 1992.
	"Extrema® TOMCATS®, (Tetramethylcyclotetrasiloxane) Schumacher, 2000.
	"Modeling of Low-Pressure Deposition of SiO ₂ by Decomposition...," Huppertz, et al, Schumacher, 1979.
	"The Deposition of Silicon Dioxide Films at Reduced Pressure," Adams, et al, J. Electrochem Soc. 1979.
	"Preparation of Device-quality SiO ₂ Thin Films by Remote...," G. Lucovsky, Adv. Mat. Optics., 1996.
	"Deposition of Silicon Oxide Films From TEOS By Low...," G. Tochitani, et al, J. Vac. Sci. Tech. A, 1993.
	"Properties of Silicon Dioxide Films Deposited at Low...," S.K. Ray, et al, J. Vac. Sci. Tech. B, 1992.
	"Electron Cyclotron Resonance Microwave Discharge for Oxide...," J. Electrochem Soc. 1992.
	"Ion and Chemical Radical Effects on the Step Coverage...," C.-P. Chang, et al, J. Appl. Phys. 67, 1990.
	"Electron Cyclotron Resonance Microwave Discharge for Oxide...," C.S. Pai, et al, J. Appl. Phys. 1993.
	"User's Guide For: Undoped Glass, PSG, and BPSG Using...," Schumacher, 1991.
	"An Overview of the Polymerization of Cyclosiloxanes...," J.E. McGrath, et al, ACS Symp., 1983.
	English language translation JP 07-145179.
	JP 07 145179 A: Patent Abstracts of Japan, vol. 1995, No. 09, 10/31/95.
	XP-002233220: Derwent Publications Ltd, London, GB; AN 1980-10616C.
	XP-002233221: Derwent Publications Ltd, London, GB, AN 1997-72075Y.

EXAMINER SEARCH REPORT JP 02-02-8017

DATE CONSIDERED

5/3/05

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

KLG/N:KLGIGLCPATENTINFO 6223P USA



PTO/SB/08A (08-03)

Approved for use through 07/31/2005. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449/PTO

Complete if Known

Application Number	10/602,279
Filing Date	23 June 2003
First Named Inventor	Steven Gerard Mayorga, et al.
Art Unit	1712
Examiner Name	
Attorney Docket Number	06223P USA

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

**Examiner
Signature**

**Date
Considered**

53805

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-8199 (1-800-786-8199) and select option 2.



AUG 05 2004

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete If Known	
				Application Number	10/602,279
				Filing Date	23 June 2003
				First Named Inventor	Steven Gerard Mayorga, et al.
				Art Unit	1712
				Examiner Name	
Sheet	1	of	1	Attorney Docket Number	06223P USA

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

**Examiner
Signature**

Date Considered

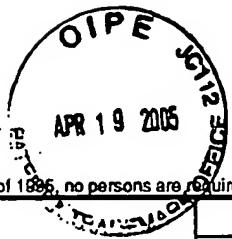
375

EXAMINER: Initial II reference to consider, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. *Applicant's unique citation designation number (optional). *See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. *Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). *For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. *Kind of document by appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. *Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:

Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-788-9199) and select option 2.



PTO/SB/08A (08-03)

Approved for use through 07/31/2008. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<p style="text-align: center;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i></p>				Complete if Known	
				Application Number	10/602,279
				Filing Date	06/23/2003
				First Named Inventor	Steven Gerard Mayorga
				Art Unit	1712
				Examiner Name	
Sheet	1	of	1	Attorney Docket Number	06223P USA

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (⁶) <i>(know)</i>				
MJM		WO 02/43119	05/30/2002	International Business Machines Corp.		✓

Examiner Signature **Date Considered** 5/3/05

***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformation and not considered. Include copy of this form with next communication to applicant. **1**Applicant's unique citation designation number (optional). **2**See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. **3**Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). **4**For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. **5**Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. **6**Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.